



12561 - CAL-NIS-503: NIRISS Internal Lamp Flats

Cycle: 5, Proposal Category: CAL/NIRISS

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Joseph Filippazzo (PI)	Space Telescope Science Institute
Dr. Kevin Volk (CoI) (CSA Member)	Space Telescope Science Institute - CSA - JWST
Dr. Gael Noirot (CoI) (CSA Member)	Space Telescope Science Institute - CSA - JWST

OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1		NIRISS Internal Flat	NONE
	2		NIRISS Internal Flat	NONE
	3		NIRISS Internal Flat	NONE

ABSTRACT

This program provides internal lamp flat observations to be carried out during slews. These lamp flats are input data for the creation of the bad pixel mask for the pipeline. This continues programs 1503 from cycle 1, 4472 from cycle 2, 6654 from cycle 3, and 9281 from cycle 4.

This calibration program may change in response to system developments and the final Cycle 5 science program.

OBSERVING DESCRIPTION

The internal lamp flats are primarily for tracing changes in the illuminated detector response that the darks do not track: in particular, dead pixels, low response pixels, and open pixels are detected in the lamp flats but are not detected in the full frame dark ramps. The program requests a lamp exposure during a slew every 4 months to track these types of pixels.

Proposal 12561 - Observation 1 - CAL-NIS-503: NIRISS Internal Lamp Flats

Observation	Proposal 12561, Observation 1 Diagnostic Status: Warning Observing Template: NIRISS Internal Flat										Mon Mar 09 19:00:24 GMT 2026
Diagnostics	(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Template	Pointing Type PARALLEL										
Spectral Elements	#	Filter	Lamp Name	Lamp Power	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	F200W	LINE2	LEVEL5	NISRAPID	10	1	1	118.104		
Special Requirements	Between Dates 01-JUL-2026:00:00:00 and 01-AUG-2026:00:00:00 Parallel slew only										

Proposal 12561 - Observation 2 - CAL-NIS-503: NIRISS Internal Lamp Flats

Observation	Proposal 12561, Observation 2 Diagnostic Status: Warning Observing Template: NIRISS Internal Flat										Mon Mar 09 19:00:24 GMT 2026
Diagnostics	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Template	Pointing Type PARALLEL										
Spectral Elements	#	Filter	Lamp Name	Lamp Power	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	F200W	LINE2	LEVEL5	NISRAPID	10	1	1	118.104		
Special Requirements	Between Dates 01-NOV-2026:00:00:00 and 01-DEC-2026:00:00:00 Parallel slew only										

Proposal 12561 - Observation 3 - CAL-NIS-503: NIRISS Internal Lamp Flats

Observation	Proposal 12561, Observation 3 Diagnostic Status: Warning Observing Template: NIRISS Internal Flat										Mon Mar 09 19:00:24 GMT 2026
Diagnostics	(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Template	Pointing Type PARALLEL										
Spectral Elements	#	Filter	Lamp Name	Lamp Power	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	F200W	LINE2	LEVEL5	NISRAPID	10	1	1	118.104		
Special Requirements	Between Dates 01-MAR-2027:00:00:00 and 01-APR-2027:00:00:00 Parallel slew only										